

REMARKS/ARGUMENTS

Favorable reconsideration of this application, as presently amended and in light of the following discussion, is respectfully requested.

Claims 1-4 and 6-11 are pending in the present application, Claims 1-4 and 6-8 having been amended, Claims 9-11 having been added, and Claim 5 having been canceled without prejudice or disclaimer. Support for the amendments to Claims 1-4 and 6-8 is found, for example, in the originally filed claims and specification. Applicants respectfully submit that no new matter is added.

In the outstanding Office Action, Claims 1-4, 7, and 8 were rejected under 35 U.S.C. §102(b) as anticipated by Desmexiezes, A. et al., *Polarization in Space-Time Processing for Propagation Channel Identification*, 2nd IEEE Workshop on Signal Processing Advances in Wireless Communications, 9-12 May 1999, pages 395-398 (hereinafter Desmexiezes); and Claims 5 and 6 were objected to for depending from a rejected base claim, but were otherwise indicated as including allowable subject matter.

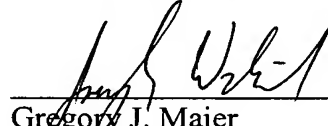
Applicants thank the Examiner for the indication of allowable subject matter. In light of this indication, Claim 1 is amended to include the subject matter of Claim 5, and Claim 6 is amended to be written in independent form. New Claims 9-10, which depend from Claim 6, correspond to original Claims 2-4. Accordingly, Claims 1 and 6 (and any claims dependent thereon) are believed to be in condition for allowance.

Application No. 10/020,934
Reply to Office Action of January 9, 2007

Consequently, in light of the above discussion and in view of the present amendment, the present application is believed to be in condition for allowance and an early and favorable action to that effect is respectfully requested.

Respectfully submitted,

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